INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

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S-E-C-R-E-T

COUNTRY	Poland	REPORT	
SUBJECT	Power Station at Pomorzany	DATE DISTR.	14 December 1955
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SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

1. During the last week of July 1955, a meeting was held in the offices of Elektrim in Warsaw; the subject under discussion was the equipment of the Pomorzany (Pommerenzdorf, N 53-23, E 14-31) Power Station. Present at the meeting were Jungmann, Director of Elektrim, and another Elektrim official, Reglinski. Personnel from Energoprojekt also attended the meeting and were headed by Mantel, who is a director.

2. This power station, known before the last war as Pommerenzdorf, is near Szczecin(Stettin). Originally it was supplied with power plant equipment obtained for Germany

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the original station was built on the side of a hill and it had a roof of two meters of reinforced concrete. It was thus virtually an underground power station and difficult to detect from the air.

3. An orginally equipped, the factory had a total output of 200 MW which was obtained from eight boilers driving 4 - 50-MW generators. During the last war, the station was stripped by the Germans and has been out of operation since that date. It has now been decided by the Polish authorities to re-equip the station so that it will again have a final capacity of 200 MW obtained from 4 - 50-MW generators. However, there will only be four boilers, each having a capacity of 200-ton/hour evaporation, each boiler being coupled to a generator; the old system was two 100-ton/hour boilers coupled to one generator.

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25 YEAR RE-REVIEW

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STATE	X	ARMY	X	NAVY	X	AIR	X	FBI		AEC						

(Note: Washington distribution indicated by "X"; Field distribution by "#".)

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4. The re-equipment of the power station will be carried out in two stages; for the first stage only two 50-MW generators and two 200-ton/hour boilers will be installed. The power will be finally taken by six 110-KV transmission lines, but for this stage only four 110-KV lines will be provided. A system of open cooling will be employed with cooling water at 12° Centigrade. The power station will burn Upper Silesian dust coal. Elektrim and Energoprojekt have both stressed the need for very high efficiency and provision has therefore been made for a high-temperature reheating system to give an official over-all efficiency of about 89%. The orginal two-meter-thick concrete roof and the old foundations are still intact and will not be moved. This will give rise to certain technical difficulties as the head room available, approximately 23.4 meters, is extremely small for the installation of 200-ton/hour boilers. To overcome this difficulty the new boilers will be turned through 90° from the position of the former 110-ton/hour boilers and a multi-pass arrangement of boiler tubes and heating surfaces will be used.

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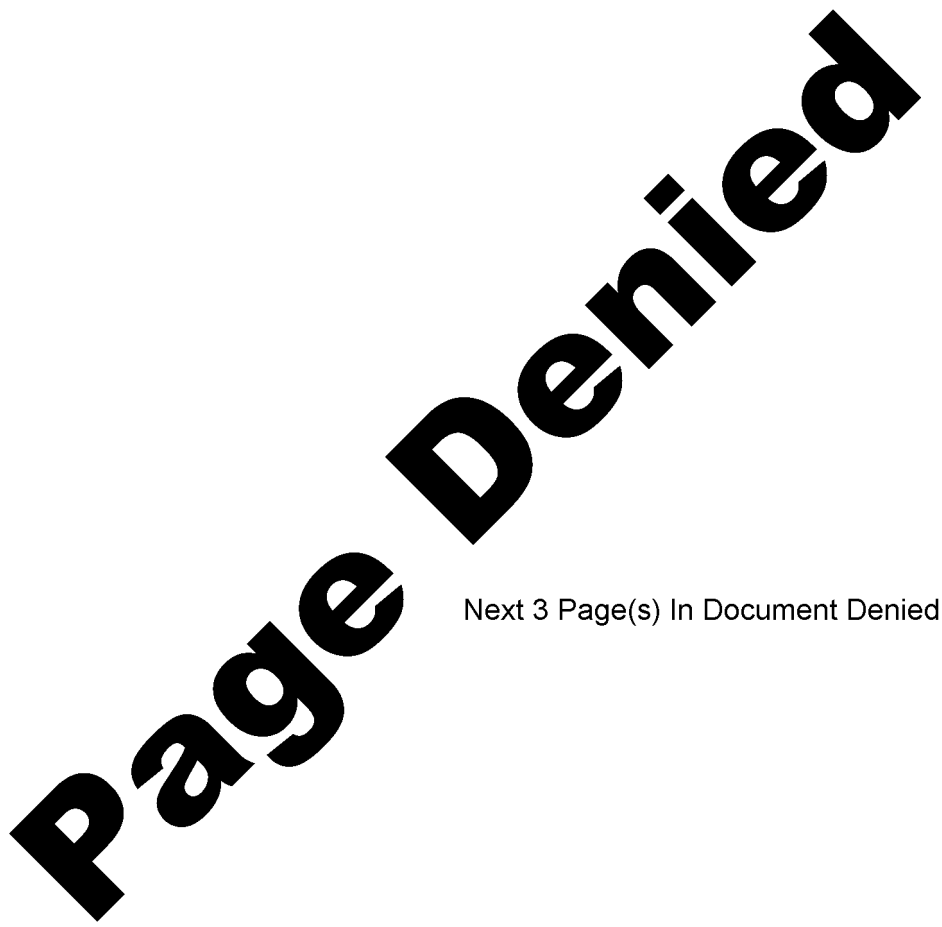

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